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APPLICATION NO.: 10/771,041

ATTY. DOCKET NO.: B0662,70055US00

FILING DATE:

February 3, 2004

CONFIRMATION NO.: 1542

APPLICANT:

Daniel K. Sodickson

GROUP ART UNIT: 2859

EXAMINER: Not Yet Assigned FETZNER

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite	U.S. Patent Do	cument	Name of Patentee or Applicant of Cited Date of Publication or of	
	No.	Number	Kind Code	Document	of Cited Document MM-DD-YYYY
THE	*A1	5,910,728		Sodickson	06-08-1999
TAG	*A2	5,469,060		Meyerand	11-1995
THE	*A3	5,374,890		Zou, et al.	12-1994
TAF	*A4	5,208,534		Okamoto, et al.	05-1993
TAF	*A5	4,857,846		Carlson	08-1989
TAF	*A6	4,825,162		Roemer, et al.	04-1989
TAF	*A7	2003/0030437		Bydder et al.	02-2003
TAF	*A8	2002/0158632	Al	Sodickson MD Ph.D., Daniel K.	10-2002
TAF	*A9	6,476,606	B2	Lee, Ray F.	11-2002
TAF	*A10	6,289,232	Bl	Jacob, et al.	09-2001
TAF	*A11	2001/0043068	A1	Lee, Ray F.	11-22-2001
TAF	A12	6,717,406	BZ	Sodickson	04-06-2004

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite	For	reign Patent Docu	nent	Name of Patentee or Applicant of Cited	Date of Publication of	Translation
	No.	Office/ Country	Number	Kind Code	Document (not necessary)	Cited Document MM-DD-YYYY	(Y/N)
THE	*B1	wo	99/54746		Konin-Klijke Philips Electronics	10-28-1999	X
TAF.	*B2	wo	00/72034	A1	Konin-Klijke Philips Electronics NV	11-30-2000	χ
TAF	*B3	wo	00/72036	A1	Konin-Klijke Philips Electronics NV	11-30-2000	X

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s),	Translation (Y/N)
mittais	140	publisher, city and/or country where published.	(1/11)
TAF	*C1	"Signal-to-Noise Ratio and Signal-to-Noise Efficiency in SMASH Imaging", Daniel K. Sodickson, et al., Magnetic Resonance In Medicine 41:1009-1022 (1999).	X
TAF	*C2	"Smash Imaging", Daniel K. Sodickson, et al., New Techniques in Body MR Imaging, 1064-9689/99, Volume 7, Number 2, May 1999, pp. 237-254.	X
THE	*C3	International Search Report from PCT application number PCT/US01/07728.	X
TAF	*C4	Sodickson D.K., et al., "Simultaneous Acquisitions of Spatial Harmonics (SMASH) Fast Imaging With Radiofrequency Coil Arrays" Magnetic Resonance in Medicine, Academic Press, Duluth, MN, US, vol. 38, no 4, October 1, 1997, pages 591-603	X
TAF	*C5	Sodickson D.K. et al., "Accelerated Coronary MRA in Volunteers and Patients Using Double-Obliquie 3D Acquisitions With SMASH Reconstruction" Proceedings of the International Society For Magnetic Resonance in Medicine, Seventh Scientific Meeting and Exhibition, vol. 2, May 22, 1999, page 1249.	7.
TAF	*C6	Sodickson D.K. "Tailored SMASH image reconstruction for robust in vivo parallel MR imaging", Magnetic Resonance in Medicine, Aug. 2000, Wiley, USA, vol. 44, no. 2, pages 243-251.	X

FORM PT	rO-1449/A and	B (Modifie	d)	APPLICATION NO.:	10/771,041	ATTY. DOCKET NO.: B0662.70055US00
INF	ORMATIO	N DISC	LOSURE	FILING DATE:	February 3, 2004	CONFIRMATION NO.: 1542
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U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited	Date of Publication or of issue	
		Number	Kind Code	Document	of Cited Document MM-DD-YYYY	
			-			

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite	Foreign Patent Document		nent	Name of Patentee or Applicant of Cited Document	Date of Publication of	Translation
	No.	Office/ Country	Number	Kind Code	(act accessor) Cited Docume	Cited Document MM-DD-YYYY	_(Y/N)
	 						

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's	Cite	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item	Translation (Y/N)				
Initials	No	(book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s),					
		publisher, city and/or country where published.					
	*C7	Kyriakos W.E., et al. "Sensitivity Profiles From An Array of Coils for Encoding and Reconstruction in Parallel					
TAL		(Space RIP)" Magnetic Resonance in Medicine, Academic Press, Duluth, MN, US, vol. 44, no. 2, August 2000,	🗸				
1111		pages 301-308.	/				
	*C8	Sodickson D.K., "A Generalized Basis Approach to Spatial Encoding with Coils Arrays: SMASH-SENSE					
MF		Hybrids and Improved Parallel MRI at High Accelerations" Proceedings of the International Society for	X				
11/1		Magnetic Resonance in Medicine, Eighth Scientific Meeting and Exhibition, vol. 1, April 1, 2000, page 272.					
<u></u>	*C9	RA J.B. et al., "Fast Imaging Using Subencoding Data Sets from Multiple Detectors", Magnetic Resonance in	X				
TAF		Medicient, Academic Press, Duluth, MN, US, vol. 30, no. 1, July 1, 1993, pages 142-145					
100	*C10	Magnetic Resonance in Medicine 42 952-962 (1999), Klaas P. Pruessmann et al "SENSE Sensitivity Encoding	ΙX				
141		For Fast MRI"	1				
							
	 						
EXAMINER	<u></u>	DATE CONSIDERED	<u> </u>				
EVVININEL	1	Hand Ten March 8th 2005					
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^{*}a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. 09/524,217, filed 4/6/04, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).